



ANNUAL REPORT

TO THE

BEDLINGTONSHIRE URBAN
DISTRICT COUNCIL

FOR THE YEAR 1957

BY THE

MEDICAL OFFICER OF HEALTH

AND

CHIEF PUBLIC HEALTH INSPECTOR



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ANNUAL REPORT OF THE MEDICAL OFFICER OF HEALTH FOR 1957

Mr. Chairman and Councillors,

I beg to present to you the Annual Report of the Medical Officer of Health concerning the health and sanitary conditions of the Urban District for 1957.

The population increased by 50 to 29,180 according to the Registrar General's estimate.

The crude death rate fell from 11.2 per 1,000 population to 10.3 and the uncorrected Birth Rate rose from 15.2 per 1,000 estimated population to 16.8—quite a remarkable increase; the number of live births increased by 50 compared with 1956. This, however, has not regained the ground lost in 1956 when the births were 68 fewer than in 1955 but the trend is in the right direction.

The number of infant deaths (under 1 year) remains the same as for the last two years—10. Five of these were due to congenital causes and five to prematurity.

There were 876 notifications of infectious diseases during the year and the increase over the figure for 1956 was almost entirely due to a measles epidemic which accounted for 748 of the notifications. There were no notifications of diphtheria for the seventh year in succession.

I think that attention should be drawn to the fact that for the first time the notification for pulmonary tuberculosis were in single figures—8 and the number of deaths from this disease was 2—both new low records. Four cases of non-pulmonary tuberculosis were notified and the presumption was that they were due to an infected milk supply. Action was immediately taken to deal with this. As from April, 1958, all the milk in Bedlingtonshire must be tuberculin tested, T.T: pasteurised, pasteurised or sterilised. This regulation will effectively prevent the recurrence of tuberculous infection from milk.

I wish to thank the chairman and members of the Health Committee for their interest in the work of the department during 1957 and to my colleagues in other departments for their loyal co-operation. The staff of the Health Department itself deserves high credit for their work during the year.

I am,

Your obedient Servant,

A. DONALDSON, M.B., Ch.B., D.P.H.,
Medical Officer of Health.

PUBLIC HEALTH OFFICERS OF THE LOCAL AUTHORITY

Medical Officer of Health	-	Alexander Donaldson, M.B., Ch.B., D.P.H.
Chief Public Health Inspector	- - -	
and		R. W. Cowans, M.A.P.H.I.
Meat and Foods Inspector	- - -	
Additional Public Health Inspector	- -	
and		J. Colpitts, M.A.P.H.I.
Meat and Foods Inspector	- - -	
Student Public Health Inspector	- - - - -	K. J. Dobson.
Health Department Typist	- - - - -	Miss Patricia Hall.
Rodent Operator	- - - - -	S. Walker.
Offices	- - - - -	Front Street, Bedlington.
Telephone	- - - - -	Bedlington 2121.

STATISTICS AND CONDITIONS OF THE AREA

Area in acres	...	...	...	...	...	...	...	9,025
Registrar General's Estimate of the Resident Population Mid. 1956								29,180
Rateable Value	...	...	...	...	...	...	...	£215,080
Penny Rate Produces	...	...	...	...	...	...	...	£810
Number of Inhabited Houses	...	...	...	...	...	...	...	8,693

TUBERCULOSIS 1957

There were 8 cases of pulmonary tuberculosis notified during 1957 and 4 non pulmonary. This is the lowest figure ever recorded in Bedlingtonshire.

There were 2 deaths from pulmonary tuberculosis in 1957.

It is not easy to be specific in giving a reason for this remarkable decrease in the district and it must be assumed that it is due to a multiplicity of factors.

The Public are undoubtedly more conscious of this disease than ever before.

The facilities for assisting the general practitioner in making a diagnosis are excellent. Every doubtful patient can be sent to the chest clinic for a miniature film and the practitioners are making full use of this service which is encouraged by the consultant chest physician.

It is obvious, therefore, that cases are being seen at a much earlier stage of the disease. This allows the full use of new drugs to be used before the disease has spread. The stay in sanatorium is shortened and a cure is almost guaranteed.

There is close co-operation between the chest clinic, the practitioner and the Health Department.

The chest clinic staff and the health visitors make every effort to trace the home contacts of each case and to persuade them to be X-rayed. The Health Department try, wherever possible, to trace the contacts in industry (mines, factories, shops, etc.).

The Mass X-ray Unit visits the district regularly twice each year and always gets a good response.

B.C.G. Vaccination against tuberculosis is offered to all the contact children of known cases by the chest clinic and it is also being carried out successfully in the schools. School leavers are offered protection and also an X-ray in their final year at school.

One of the factors which has done much to alter the tuberculosis picture is the change in social conditions. Good housing is one of the important factors and Bedlingtonshire has excelled in this respect and it may well be the main reason for the low tuberculosis incidence.

It is to be hoped that this advance will be maintained by the continued co-operation of chest clinic, practitioners, Health Department and the general public.

PREVALENCE AND CONTROL OVER INFECTIOUS AND OTHER DISEASES, 1957

Measles

There were 748 cases of measles notified during 1957. The disease was in the main, mild and there were no deaths.

Whooping Cough

There were 77 cases of whooping cough notified during the year. Two cases had been immunised with combined vaccine in 1952, two in 1955, three in 1956 and two in 1957. Two cases had received whooping cough vaccine alone in 1954, one in 1955 and one in 1956, making 13 in all who had received some kind of protection. These latter cases were very mild in character.

Scarlet Fever

There were 19 cases notified during 1957, an increase of 11 over 1956.

Dysentery

There were 7 cases notified during 1957 compared with the 71 in 1956.

Food Poisoning

There were 11 cases of food poisoning notified in 1957. There were 4 single cases and one small outbreak involving 3 families and 7 cases.

A report of this outbreak is given herewith:—

An outbreak of food poisoning occurred on the 24th July, 1957. Seven cases were notified by the practitioner and three families were involved.

It was discovered subsequently that several other families had suffered from similar symptoms, but had not called in the doctor.

The foodstuff was pressed beef made locally. All the members of the families who ate the pressed beef were ill, and all those who did not eat any were free from any symptoms.

The pressed beef was made on the 22nd July, 1957. It was divided into three parts, and one part was sold from the shop, and the other two from vans.

In two families, the meat was bought on Tuesday, 23rd, and in the other on Wednesday, 24th. The symptoms occurred between 7-12 hours after eating the beef.

The symptoms were: abdominal pain, diarrhoea, vomiting. They were quite severe and cramps occurred in two cases.

The remainder of the unsold beef was seized and specimens sent for bacteriological examination. Faecal specimens from all cases and all members of the staff of the shop were also sent for examination. Negative results were obtained in all cases except one. This was an employee who had not handled the pressed beef. The organism was *C. Welchii* (heat-resistant).

It is doubtful if this had any connection with the outbreak and if so it is presumed that this was a coincidence. The cause of the outbreak was undiscovered.

The shop is well equipped, clean and well managed.

VITAL STATISTICS

Births

Live Births

							Males	Females	Total
Legitimate	...	...	...	...	...	...	252	226	478
Illegitimate	...	...	...	...	...	...	11	4	15
							<hr/>	<hr/>	<hr/>
							263	230	493
							<hr/>	<hr/>	<hr/>

Still Births

							Males	Females	Total
Legitimate	...	...	...	...	...	...	9	8	17
Illegitimate	...	...	...	...	...	...	—	—	—
							<hr/>	<hr/>	<hr/>
							9	8	17
							<hr/>	<hr/>	<hr/>

COMPARABILITY FACTORS—Births, 0.97.	Deaths	...	...	1.27
Uncorrected Birth Rate per 1,000 estimated population	...	...	...	16.8
Standardised Birth Rate per 1,000 estimated population	...	...	...	16.2
Still Birth Rate per 1,000 live and still births	...	...	...	34.4
Still Birth Rate per 1,000 estimated population	...	...	...	0.58

Deaths

Male	Female	Total
180	121	301

Crude Death Rate per 1,000 estimated population	...	...	10.3
Standardised Death Rate per 1,000 estimated population	...	...	13.0

Deaths over 65 years of age

							Male	Female	Total
1950	...	...	...	...	...	...	108	105	213
1951	...	...	...	...	...	...	124	100	224
1952	...	...	...	...	...	...	77	80	157
1953	...	...	...	...	...	...	108	81	189
1954	...	...	...	...	...	...	113	89	202
1955	...	...	...	...	...	...	103	84	187
1956	...	...	...	...	...	...	113	103	216
1957	...	...	...	...	...	...	96	80	176

Deaths from Puerperal Causes (Headings 29 and 30 of the Registrar General's Short List).

Deaths of Children aged 1—4 years

1951	...	...	...	2	1954	...	...	...	2
1952	...	...	...	2	1955	...	...	...	2
1953	...	...	...	5	1956	...	...	...	1
					1957	...	...	...	2

COMPARISON OF VITAL STATISTICS (1957) WITH THOSE OF 1956

								1956	1957
Population	...	...	...	...	...	...	...	29,130	29,180
Live Births	...	...	...	...	...	...	...	443	493
Still Births	...	...	...	...	...	...	...	12	17
Uncorrected Birth Rate per 1,000 estimated population	...	...	...	...	...	...	...	15.2	16.8
Standardised Birth Rate per 1,000 estimated population	...	...	...	...	...	...	...	14.7	16.2
Still Birth Rate per 1,000 estimated population	...	...	...	...	...	...	...	0.41	0.58
Still Birth Rate per 1,000 live and still births	...	...	...	...	...	...	...	27.0	34.4
Deaths	...	...	...	...	...	...	...	328	301
Crude Death Rate per 1,000 estimated population	...	...	...	...	...	...	...	11.2	10.3
Standardised Death Rate per 1,000 population	...	...	...	...	...	...	...	14.2	13
Deaths over 65 years of age	...	...	...	...	...	...	...	216	176
Deaths of infants under 1 year per 1,000 live births	...	...	...	...	...	...	...	22.5	20.2
Number of infant deaths under 1 year of age	...	...	...	...	...	...	...	10	10
Number of child deaths, 1-4 years inclusive	...	...	...	...	...	...	...	1	2
Neo-natal Mortality Rate (infants under 4 weeks) per 1,000 births	...	...	...	...	...	...	...	22.5	14.1
Tuberculosis Death Rate per 1,000 estimated population	...	...	...	...	...	...	...	0.1	0.06
Pulmonary Tuberculosis case rate per 1,000 estimated population	...	...	...	...	...	...	...	6.2	6.3

**STATISTICS FOR BEDLINGTONSHIRE U.D.C. FOR THE
LAST TEN YEARS**

Year	Population	Deaths	Death Rates	Live Births	Birth Rate	Infant Deaths	Infant Death Rate	Neo-natal Death Rate
1948	28,270	272	9.6	508	17.9	17	33.4	11.6
1949	28,220	311	11.0	515	18.2	20	38.8	23.3
1950	28,790	342	11.8	559	19.4	29	51.8	26.8
1951	28,520	368	12.9	562	19.7	20	35.5	23.1
1952	28,630	318	11.1	549	19.1	21	38.2	21.8
1953	28,840	310	10.7	536	18.5	20	37.3	20.5
1954	29,150	317	10.8	524	17.9	14	26.7	17.1
1955	29,180	315	10.7	511	17.5	10	19.5	9.7
1956	29,130	328	11.2	443	15.2	10	22.5	22.5
1957	29,180	301	10.3	493	16.8	10	20.2	14.1

INFANTILE MORTALITY, 1957

There were 10 deaths of infants under 1 year of age and 7 of these were under 1 month.

The infant mortality rate was 20.2 per 1,000 live births and the neonatal mortality 14.1 per 1,000 live births.

	1948	1949	1950	1951	1952	1953	1954	1955	1956	1957
Diarrhoea and enteritis under 2 years	1	1	—	—	—	—	—	—	—	—
No. of infant deaths under 1 year	17	20	29	20	21	20	14	10	10	10
Infantile mortality rate per 1,000 live births ...	33.4	38.8	51.8	35.5	38.2	37.3	26.7	19.5	22.5	20.2

No.	Age	Sex	Place of Death	Cause of Death	Preventable or not	Remarks
1.	2 hours	M.	Hospital	Prematurity	Not	—
2.	1 week	F.	Hospital	Prematurity	Not	—
3.	2 months	M.	Hospital	Fibrocystic Disease	Not	—
4.	2 days	F.	Hospital	Prematurity	Not	—
5.	6 hours	M.	Hospital	Prematurity	Not	—
6.	9 hours	M.	Hospital	Prematurity	Not	—
7.	3 months	M.	Hospital	Hydrocephalus	Not	—
8.	4 months	M.	Hospital	Hydrocephalus	Not	—
9.	2 hours	F.	Hospital	Atelectasis	Not	—
10.	15 minntes	M.	Hospital	Heart Disease	Not	—

INFANT MORTALITY.

Cause of Death	Under 1 week	1-2 weeks	2-3 weeks	3-4 weeks	Total under 1 month		4-6 months	7-9 months	10-12 months	Total under 1 year
					1-3 months	4-6 months				
Prematurity	5	1	—	—	6	—	—	—	—	6
Fibrocystic Disease ...	—	—	—	—	—	—	—	—	—	1
Hydrocephalus	—	—	—	—	—	1	1	—	—	2
Cardiac Disease	1	—	—	—	1	—	—	—	—	1
Total	6	1	—	—	7	1	—	—	—	10

CAUSES OF DEATH, 1957

Code No.	International Classification							M.	F.	Total
002	Pulmonary Tuberculosis	...	...	...	...	...	...	1	1	2
141	Malignant Neoplasm of Tongue	...	...	...	...	...	...	1	—	1
142.1	Malignant Neoplasm of Parotid	...	...	...	...	...	...	1	—	1
150	Malignant Neoplasm of Oesophagus	...	...	...	...	...	...	1	1	2
151	Malignant Neoplasm of Stomach	...	...	...	...	...	...	8	3	11
153	Malignant Neoplasm of Large Bowel	...	...	...	...	...	...	3	1	4
154	Malignant Neoplasm of Rectum	...	...	...	...	...	...	3	2	5
155	Malignant Neoplasm of Gall Bladder	...	...	...	...	...	...	—	1	1
157	Malignant Neoplasm of Pancreas	...	...	...	...	...	...	—	3	3
158	Malignant Neoplasm of Peritoneum	...	...	...	...	...	...	—	1	1
162	Malignant Neoplasm of Bronchus or Lung	...	...	...	...	...	...	10	—	10
170	Malignant Neoplasm of Breast	...	...	...	...	...	...	—	3	3
171	Malignant Neoplasm of Cervix Uteri	...	...	...	...	...	...	—	1	1
172	Malignant Neoplasm of Corpus Uteri	...	...	...	...	...	...	—	1	1
175	Malignant Neoplasm of Ovary	...	...	...	...	...	...	—	1	1
176	Malignant Neoplasm of Vulva	...	...	...	...	...	...	—	1	1
177	Malignant Neoplasm of Prostate	...	...	...	...	...	...	1	—	1
180	Malignant Neoplasm of Kidney	...	...	...	...	...	...	—	1	1
181	Malignant Neoplasm of Bladder	...	...	...	...	...	...	1	—	1
193	Malignant Neoplasm of Brain	...	...	...	...	...	...	1	1	2
194	Malignant Neoplasm of Thyroid	...	...	...	...	...	...	1	—	1
201	Hodgkin's Disease	...	...	...	...	...	...	1	—	1
204.1	Myeloid Leukaemia	...	...	...	...	...	...	2	—	2
241	Asthma	...	...	...	...	...	...	1	—	1
330	Subarachnoid Haemorrhage	...	...	...	...	...	...	1	4	5
331	Cerebral Haemorrhage	...	...	...	...	...	...	10	12	22
332	Cerebral Embolism or Thrombosis	...	...	...	...	...	...	7	9	16
334	Hypertensive Encephalopathy	...	...	...	...	...	...	1	—	1
340.1	Pneumococcal Meningitis	...	...	...	...	...	...	—	1	1
343	Encephalitis	...	...	...	...	...	...	1	—	1
420	Arteriosclerotic Heart Disease	...	...	...	...	...	...	1	1	2
420.1	Coronary Thrombosis	...	...	...	...	...	...	35	19	54
421	Mitral Stenosis	...	...	...	...	...	...	—	1	1
422	Cardiovascular Degeneration...	...	...	...	...	...	...	18	15	33
422.1	Myocardial Degeneration with Arteriosclerosis	...	...	...	...	...	...	—	1	1
422.2	Myocardial Degeneration with Senility	...	...	...	...	...	...	10	10	20
431	Acute Myocarditis	...	...	...	...	...	...	1	1	2
434.1	Congestive Heart Failure	...	...	...	...	...	...	11	4	15
434.2	Left Ventricular Failure	...	...	...	...	...	...	2	3	5

Code No.	International Classification							M.	F.	Total
434.3	Cor Pulmone	...	...	...	...	...	...	1	—	1
441	Malignant Hypertension with Heart Disease	...	...	...	...	...	...	1	—	1
445	Malignant Hypertension	...	...	...	...	...	...	1	—	1
465	Pulmonary Embolism	...	...	...	...	...	...	1	1	2
480	Influenzal Pneumonia	...	...	...	...	...	...	1	—	1
490	Lobar Pneumonia	...	...	...	...	...	...	1	—	1
491	Broncho Pneumonia	...	...	...	...	...	...	3	2	5
500	Acute Bronchitis	...	...	...	...	...	...	—	1	1
501	Bronchitis (Unqual)	...	...	...	...	...	...	—	1	1
502	Chronic Bronchitis	...	...	...	...	...	...	3	—	3
518	Lung Abscess	...	...	...	...	...	...	1	—	1
522	Hypostatic Pneumonia	...	...	...	...	...	...	3	1	4
523	Pneumoconiosis	...	...	...	...	...	...	1	—	1
541.1	Duodenal Ulcer with Perforation	...	...	...	...	...	...	1	—	1
561.1	Strangulated Femoral Hernia	...	...	...	...	...	...	—	1	1
570.5	Intestinal Obstruction	...	...	...	...	...	...	1	—	1
580	Hepatitis	...	...	...	...	...	...	1	—	1
587	Acute Pancreatitis	...	...	...	...	...	...	—	1	1
587.2	Fibrocystic Disease of Pancreas	...	...	...	...	...	...	1	—	1
592	Chronic Nephritis	...	...	...	...	...	...	1	2	3
593	Nephritis (Unqual)	...	...	...	...	...	...	2	—	2
601	Hydro-Nephrosis	...	...	...	...	...	...	—	1	1
610	Hyperplasia of Prostate	...	...	...	...	...	...	2	—	2
752	Congenital Hydrocephalus	...	...	...	...	...	...	2	—	2
754	Congenital Heart Disease	...	...	...	...	...	...	2	—	2
760.5	Intracranial Injury at Birth with Prematurity	...	...	...	...	...	...	—	1	1
762.5	Pulmonary Collapse with Prematurity	...	...	...	...	...	...	—	1	1
774	Prematurity with Intestinal Obstruction	...	...	...	...	...	...	—	1	1
776	Prematurity	...	...	...	...	...	...	3	—	3
794	Senility	...	...	...	...	...	...	3	—	3
E811	Motor Accident Involving Passenger	...	...	...	...	...	...	—	1	1
E812	Motor Vehicle Accident to a Pedestrian	...	...	...	...	...	...	—	2	2
E813	Motor Vehicle Accident to a Pedal Cyclist	...	...	...	...	...	...	1	—	1
E815	Motor Cycle Accident to Rider or Passenger	...	...	...	...	...	...	1	—	1
E900	Fall on Stairs	...	...	...	...	...	...	—	1	1
E910	Crush by Fall of Earth	...	...	...	...	...	...	2	—	2
E911	Crushed Between Wagon and Wall	...	...	...	...	...	...	1	—	1
E929	Accidental Drowning	...	...	...	...	...	...	2	—	2
E970	Suicide Aspirin Poisoning	...	...	...	...	...	...	1	—	1
E974	Suicide by Hanging	...	...	...	...	...	...	1	—	1
N800	Fractured Skull	...	...	...	...	...	...	1	—	1
Totals								180	121	301

TABLE SHOWING ANALYSIS OF NOTIFIED CASES OF

INFECTIOUS DISEASES UNDER AGE GROUPS, 1957.

	Under 1 year	1 year	2 years	3 years	4 years	5 years	6-10 years	11-15 years	16-20 years	21-35 years	36-45 years	46-55 years	56-65 years	over 65	Not known	Total
Measles	26	80	100	111	106	178	142	4	—	1	—	—	—	—	—	748
Whooping Cough ...	8	5	11	13	10	16	14	—	—	—	—	—	—	—	—	77
Scarlet Fever	—	1	—	5	1	3	8	—	—	1	—	—	—	—	—	19
Dysentery	—	—	—	1	1	—	—	1	—	3	—	1	—	—	—	7
Food Poisoning	—	—	1	—	1	—	—	—	1	4	2	—	2	—	—	11
Erysipelas	—	—	—	—	—	—	—	—	—	—	—	—	1	—	—	1
Pneumonia	2	—	2	—	—	—	2	—	—	—	1	1	1	1	—	10
Pulmonary Tuberculosis ...	—	—	—	—	—	—	—	2	1	2	—	1	1	1	—	8
Non-Pulm. Tuberculosis ...	—	1	—	—	1	—	—	—	—	1	1	—	—	—	—	4
Meningitis	—	—	—	1	—	—	—	—	—	—	—	—	—	—	—	1
Totals	36	87	114	130	120	197	166	7	2	12	4	3	5	2	—	876

DIPHTHERIA NOTIFICATIONS AND DEATHS IN BEDLINGTONSHIRE DURING THE 10 YEAR PERIOD 1948—1957

Year	1948	1949	1950	1951	1952	1953	1954	1955	1956	1957
Cases ...	5	2	1	—	—	—	—	—	—	—
Deaths ...	—	—	—	—	—	—	—	—	—	—

MEASLES, WHOOPING COUGH AND SCARLET FEVER NOTIFICATIONS, 1948—1957.

* Unprotected.

Year	1948	1949	1950	1951	1952	1953	1954	1955	1956	1957
Measles... ..	245	228	540	156	406	165	250	381	22	748
Whooping Cough	186	12	133	79	15	215	38	17	69	77
Scarlet Fever ...	60	31	54	83	84	40	19	24	8	19

DEATHS FROM CANCER SHOWING SITE OF DISEASE 1948—1957

Site	1957		1956		1955		1954		1953		1952		1951		1950		1949		1948	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
All sites ...	31	21	29	22	41	28	31	25	35	24	26	15	34	18	26	20	23	21	21	19
Lung and Bronchus ...	10	—	7	1	12	2	6	—	6	3	8	1	8	1	3	—	4	1	3	3
Stomach ...	9	4	7	5	8	6	9	8	9	4	4	4	9	4	5	7	8	5	8	3
Remainder of Digestive System ...	6	3	6	4	14	10	12	9	11	8	13	3	7	6	12	3	3	7	5	3
Female organs	—	7	—	7	—	8	—	6	—	9	—	7	—	6	—	7	—	6	—	6
Others ...	6	7	9	5	7	2	4	2	9	—	1	—	10	1	6	3	8	2	6	4

TUBERCULOSIS, 1957.

Age Groups	New Cases				Deaths			
	Respiratory		Non-Resp.		Respiratory		Non-Resp.	
	M.	F.	M.	F.	M.	F.	M.	F.
0- 1 year ...	—	—	—	—	—	—	—	—
1- 5 years...	—	—	2	—	—	—	—	—
5-15 years...	1	—	—	—	—	—	—	—
15-25 years...	1	2	—	—	—	—	—	—
25-35 years...	—	—	1	—	—	1	—	—
35-45 years...	2	—	—	1	—	—	—	—
45-55 years...	—	—	—	—	—	—	—	—
55-65 years...	—	1	—	—	1	—	—	—
over 65 years	1	—	—	—	—	—	—	—
Totals ...	5	3	3	1	1	1	—	—
Grand Totals ...	8		4		2		Nil	
	12				2			

The Tuberculosis Register showed the following distribution of cases at the end of 1957.

Pulmonary			Non-Pulmonary			Total Pulmonary and Non-Pulmonary		
Male	Female	Total	Male	Female	Total	Male	Female	Total
103	82	185	26	28	54	129	110	239

Notifications

Years	1948	1949	1950	1951	1952	1953	1954	1955	1956	1957
Pulmonary ...	19	18	27	32	24	29	30	22	21	8
Non-Pulmonary	10	7	11	7	7	13	11	3	4	4

Deaths

Deaths										
Pulmonary ...	4	13	5	5	7	5	6	6	3	2
Non-Pulmonary	2	2	—	1	—	—	—	2	—	—

CANCER MORTALITY 1957. MALE.

Malignant Neoplasm of	0-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65+	Totals
Tongue ...	—	—	—	—	—	—	—	—	1	1
Parotid ...	—	—	—	—	—	—	—	—	1	1
Oesophagus ...	—	—	—	—	—	—	—	—	1	1
Stomach ...	—	—	—	—	2	—	1	—	5	8
L. intestine ...	—	—	—	—	—	—	—	—	3	3
Rectum ...	—	—	—	—	—	1	—	1	1	3
Lungs and Bronchus ...	—	—	—	—	—	—	5	1	4	10
Prostate ...	—	—	—	—	—	—	—	—	1	1
Bladder ...	—	—	—	—	—	—	—	—	1	1
Brain ...	—	—	—	—	—	1	—	—	—	1
Thyroid ...	—	—	—	—	—	—	—	—	1	1
Totals...	—	—	—	—	2	2	6	2	19	31

CANCER MORTALITY 1957. FEMALE

Malignant Neoplasm of	0-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65+	Totals
Oesophagus ...	—	—	—	—	—	—	—	—	1	1
Stomach ...	—	—	—	—	—	—	1	—	2	3
L. intestine ...	—	—	—	—	—	—	—	—	1	1
Rectum ...	—	—	—	—	—	—	—	—	2	2
Liver ...	—	—	—	—	—	—	—	—	1	1
Pancreas ...	—	—	—	—	—	—	1	—	2	3
Peritoneum ...	—	—	—	—	—	—	—	—	1	1
Breast ...	—	1	—	—	1	—	—	—	1	3
Cervix ...	—	—	—	—	—	1	—	—	—	1
Uterus...	—	—	—	—	—	—	1	—	—	1
Ovary...	—	—	—	—	—	—	—	—	1	1
Vagina ...	—	—	—	—	—	—	1	—	—	1
Kidney ...	—	—	—	—	—	—	—	1	—	1
Brain ...	1	—	—	—	—	—	—	—	—	1
Totals...	1	1	—	—	1	1	4	1	12	21

DISINFESTATION

As in previous years this work was carried out very satisfactorily by the Council's full-time rodent operator and all sewers were treated twice during the year as required by the Ministry of Agriculture, Fisheries & Food. Regular attention has been given to refuse tips and all surface infestations including houses, gardens, canteens, food premises, shops, etc., have received treatment as and when required. Charges have been made in the case of 48 treatments at business premises.

Other verminous premises have been treated with Gammexane Smoke generators and liquid insecticide.

WATER SUPPLY

All houses in the district except Grove Villa are provided with a mains supply from the Tynemouth Water Undertaking, a considerable number of the houses receiving water from the uncovered holding reservoir at Bedlington West End. This latter will be incorporated in the scheme to supply water to the new Power Station now under construction when all houses will obtain their supply direct from the mains.

As shown in the following table 89 samples were taken during the year and submitted for bacteriological examination. During the months of June and July unsatisfactory results were obtained from the reservoir and the low pressure main coming from the reservoir.

The number of houses whose supply is from a standpipe in the back yard or street has been further reduced to 204 of which 153 are National Coal Board houses. Almost all of these are being dealt with under the Council's Slum Clearance Programme.

The open-air swimming baths at Humford Mill continue to be as popular as ever. The river water is filtered and chlorinated and regular samples have always proved satisfactory.

WATER SAMPLES TAKEN, 1957

No of Samples							Bacilli Coli per 100 c.c.s.
15	Humford Mill Swimming Baths	...	...	...	...	...	Nil
1	Humford Mill Swimming Baths	...	...	...	...	...	1
2	Spring at Grove Villa	...	...	...	...	...	Nil
1	Spring at Grove Villa	...	...	...	...	...	1
2	Spring at Grove Villa	...	...	...	...	...	3
1	Spring at Grove Villa	...	...	...	...	...	10
1	Spring at Grove Villa	...	...	...	...	...	90
16	Mains Supply within the District	...	...	...	...	...	Nil
1	Mains Supply Choppington	...	...	...	...	...	1
1	Mains Supply Choppington	...	...	...	...	...	2
2	Mains Supply Choppington	...	...	...	...	...	3
1	Mains Supply Choppington	...	...	...	...	...	5
1	Mains Supply Choppington	...	...	...	...	...	8
1	Mains Supply Choppington	...	...	...	...	...	35
2	Mains Supply Bedlington	...	...	...	...	...	35
1	Mains Supply Bedlington	...	...	...	...	...	50
1	Mains Supply Choppington	...	...	...	...	...	50
2	Mains Supply Bedlington	...	...	...	...	...	90
10	Bedlington " D " Pit Baths and Canteen	...	...	...	...	...	Nil
3	Bedlington " D " Pit Baths and Canteen	...	...	...	...	...	1
2	Bedlington " D " Pit Baths and Canteen	...	...	...	...	...	3
4	Bedlington " D " Pit Baths and Canteen	...	...	...	...	...	5
1	Bedlington " D " Pit Baths and Canteen	...	...	...	...	...	11
1	Bedlington " D " Pit Baths and Canteen	...	...	...	...	...	13
1	Bedlington " D " Pit Baths and Canteen	...	...	...	...	...	17
1	Bedlington " D " Pit Baths and Canteen	...	...	...	...	...	20
1	Bedlington " D " Pit Baths and Canteen	...	...	...	...	...	25
1	Bedlington Station " A " Pit Baths and Canteen	...	...	...	...	...	Nil
2	Mains Supply Inlet to Reservoir	...	...	...	...	...	Nil
1	Mains Supply Inlet to Reservoir	...	...	...	...	...	1
2	Reservoir, West End, Bedlington	...	...	...	...	...	Nil
2	Reservoir, West End, Bedlington	...	...	...	...	...	1
2	Reservoir, West End, Bedlington	...	...	...	...	...	5
1	Reservoir, West End, Bedlington	...	...	...	...	...	7
1	Reservoir, West End, Bedlington	...	...	...	...	...	30

ACTION TAKEN DURING THE YEAR WITH REGARD TO CLEARANCE AREAS AND INDIVIDUAL UNFIT HOUSES

1.	Houses demolished in Clearance Areas	...	...	...	...	Nil
2.	Individual Houses demolished					
	The Quay, Bedlington	...	...	...	...	4
	Oliver's Buildings, Bedlington	...	...	...	...	1
	North View, Stakeford	...	...	...	...	15
	West View, Stakeford	...	...	...	...	13
	Anvil Cottages, Guide Post	...	...	...	...	2
	Tulip's Buildings, Guide Post	...	...	...	...	2
	Whinney Hill, No. 7	...	...	...	...	1
	Front Street, Scotland Gate	...	...	...	...	5
	South Front Row, Choppington	...	...	...	...	6
	North Front Row, Choppington	...	...	...	...	6
	Staithe's Quay, Bank Top	...	...	...	...	2
	Bridge House, Bank Top	...	...	...	...	2
	Ravensworth Terrace	...	...	...	...	7
	Taylor's Buildings, Red Row	...	...	...	...	3
						— 69
4.	Houses and Parts of Buildings closed					
	Old Hall, Bedlington	...	...	...	...	5
	Front Street, No. 76a, Bedlington	...	...	...	...	1
	Vulcan Place, Bedlington	...	...	...	...	6
	Rosella Place, No. 11a, Bedlington	...	...	...	...	1
	Stoker's Buildings, Bedlington	...	...	...	...	1
	Storey's Buildings, Choppington	...	...	...	...	2
	Dene House, Bedlington Station	...	...	...	...	1
						— 17
4.	Other Houses discontinued as Dwellings					
	Hartford Camp	...	...	...	...	66
5.	Unfit Houses rendered fit by Owners as a result of action under the Housing or Public Health Acts					
	(a) By informal action	...	...	...	...	17
	(b) By action under statutory powers	...	...	...	...	7

NEW HOUSES COMPLETED DURING THE YEAR

(a) By Local Authority	...	...	...	...	...	211
(b) By any other Housing Authority ..	...	...	...	...	...	—
(c) By private persons ...	...	...	...	...	...	12

SUB-STANDARD HOUSES

The following list again gives the houses, at 31st March, 1958, from which families have been rehoused since the war under the Council's Slum Clearance Programme. During the past twelve months the numbers have risen by 200 houses and 84 huts to a total of 1,424.

This figure reflects the determination of the Council to rid the district of its bad housing conditions and shows the tremendous drive which has been made in this direction. There are some 600 houses of this category which are still occupied but if the present rate of rehousing continues we shall soon complete what is perhaps the most important of all public health work, the improvement of housing standards.

**SUB-STANDARD PROPERTY FROM WHICH FAMILIES HAVE BEEN
REHOUSED AND WHICH HAS SUBSEQUENTLY BEEN DEMOLISHED
OR CLOSED (up to 31/3/58)**

Bedlington

Ewart Hill	1
Fountain Inn, Glebe Row	4
Glebe Road	68
Catholic Row	16
Dowson's Buildings	5
Sun Inn Yard	6
Old Colliery Row	20
Bell's Place	21
Hollymount Cottages	2
Hollymount Hall	9
Vulcan Place	37
Stoker's Buildings	2
Vicarage Terrace	2
Old Hall	8
Chapel Row, East End	1
Bank Cottages	2
Murray's Yard	4
Baptist Yard	7
Rosella Place	2
Market Place	1
Front Street, East	5
Joyce's Yard	1
Front Street, West	2
Grand View	6
Foggan's Yard	2
Wilson's Yard	1
Quarry Houses	2
Laird's Cottage	1
The Quay, East End	4
Sunnyside	15

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Bedlington Station

Ravensworth Terrace	35
North Row	42
South Row	1
Wilkinson's Buildings	5
Red Row	51
Bridge House	2
Bridge End	8
Dene House	3
Moorland Cottages	10
Liddle's Yard	13

Dene View	...	...	...	...	...	...	...	7
Puddler's Row	...	...	...	...	...	...	...	20
Cragg's Buildings	...	...	...	...	...	...	...	7
River View	...	...	...	...	...	...	...	1
Staithe's Quay	...	...	...	...	...	...	...	3
Chapel Row, Barrington	...	...	...	...	...	...	...	21
Stone Row, Barrington	...	...	...	...	...	...	...	12
Garden House, Barrington	...	...	...	...	...	...	...	2
Parson's Cottage, Barrington	...	...	...	...	...	...	...	1
School House, Barrington	...	...	...	...	...	...	...	2
Ivy Cottage	...	...	...	...	...	...	...	1
Storey's Buildings	...	...	...	...	...	...	...	2
								— 249

Netherton

Yard Row	...	...	...	...	...	...	...	90
Howard Row	...	...	...	...	...	...	...	60
Village	...	...	...	...	...	...	...	4
Nedderton Hall	...	...	...	...	...	...	...	5
Farm Cottages	...	...	...	...	...	...	...	5
Moor Cottage, Hartford	...	...	...	...	...	...	...	1
								— 165

Cambois

Railway Bungalows	...	...	...	...	...	...	...	4
New Row	...	...	...	...	...	...	...	10
Link End	...	...	...	...	...	...	...	2
Farm Cottages	...	...	...	...	...	...	...	2
								— 18

Choppington

Blackburn's Buildings	...	...	...	...	...	...	...	8
Strong's Buildings	...	...	...	...	...	...	...	24
First Row	...	...	...	...	...	...	...	24
Second Row	...	...	...	...	...	...	...	24
Third Row	...	...	...	...	...	...	...	22
Fourth Row	...	...	...	...	...	...	...	19
Fifth Row	...	...	...	...	...	...	...	16
Sixth Row	...	...	...	...	...	...	...	6
South Front Row	...	...	...	...	...	...	...	6
North Front Row	...	...	...	...	...	...	...	6
Forster's Buildings	...	...	...	...	...	...	...	4
Peter Gill's Cottages	...	...	...	...	...	...	...	6
Front Street, Scotland Gate	...	...	...	...	...	...	...	16
Colliery Square	...	...	...	...	...	...	...	2
Chapel Row	...	...	...	...	...	...	...	20
School Row	...	...	...	...	...	...	...	4
School House	...	...	...	...	...	...	...	2

Richardson's Buildings	...	...	...	...	...	...	7	
Heslop's Buildings	...	...	...	...	...	...	1	
Rutter's Buildings	...	...	...	...	...	...	16	
Whinney Hill	...	...	...	...	...	...	3	
								236

Guide Post

Sheepwash Bank	...	...	...	...	...	...	6	
Front Street	...	...	...	...	...	...	10	
Anvil Cottages	...	...	...	...	...	...	2	
Freehold Terrace	...	...	...	...	...	...	13	
High Street	...	...	...	...	...	...	2	
Ford Terrace	...	...	...	...	...	...	2	
Tulip's Buildings	...	...	...	...	...	...	5	
Byron Street	...	...	...	...	...	...	2	
Rutherford Street	...	...	...	...	...	...	2	
Gordon Street	...	...	...	...	...	...	1	
Sawmill Cottage	...	...	...	...	...	...	2	
Shaw's Buildings	...	...	...	...	...	...	5	
Mowbray Terrace	...	...	...	...	...	...	3	
								55

Stakeford

Middle Row	...	...	...	...	...	...	14	
North View	...	...	...	...	...	...	16	
West View	...	...	...	...	...	...	13	
Ivy Cottages	...	...	...	...	...	...	9	
								52

West Sleekburn

Marshe's Cottages	...	...	...	...	...	...	2	
South Row	...	...	...	...	...	...	18	
								20
Total Number of Houses	...	...	...	...	...	...	1,052	
Army Huts, Wansbeck Place	...	...	...	...	...	...	29	
Army Huts, Hartford Camp	...	...	...	...	...	...	343	
							1,424	

INSPECTION AND REPAIR OF HOUSES

In addition to the numerous inspections and visits which resulted in Closing and Demolition Orders being served on 235 houses during the year there were recorded and dealt with a total of 166 complaints. Action in each case was taken under the Public Health Act, 1936, statutory notices being served in only 7 cases.

Repairs Effectuated:

Ceilings repaired and renewed	...	...	...	...	...	12
Wallplaster repaired	...	...	...	...	...	14
Window frames repaired	...	...	...	...	...	4
Window sash cords renewed	...	...	...	...	...	9
Dampness remedied	...	...	...	...	...	7
Doors repaired	...	...	...	...	...	9
Fireplaces renewed	...	...	...	...	...	3
Fireplaces and flues repaired	...	...	...	...	...	8
Floors repaired	...	...	...	...	...	2
Internal walls repaired	...	...	...	...	...	2
External walls repaired	...	...	...	...	...	3
Chimney stacks repaired	...	...	...	...	...	3
Roofs repaired	...	...	...	...	...	14
Spouting repaired	...	...	...	...	...	5
Water supply pipes repaired	...	...	...	...	...	22
Sink waste pipes repaired	...	...	...	...	...	3
Drains cleared and renewed	...	...	...	...	...	11
Washhouse boilers repaired	...	...	...	...	...	2
Water closet basins renewed	...	...	...	...	...	4
Water closets repaired	...	...	...	...	...	9

FACTORIES ACTS, 1937 and 1948.

1.—Inspection for purposes of provisions as to health

Premises	Number on Register	Number of		
		Inspections	Written Notices	Occupiers Prosecuted
(i) Factories in which Sections 1, 2, 3, 4, and 6 are to be enforced by the Local Authority	10	12	—	—
(ii) Factories not included in (i) in which Section 7 is enforced by the Local Authority	85	153	12	—
(iii) Other Premises in which Section 7 is enforced by the Local Authority (excluding out-workers premises)	—	—	—	—
Total	95	165	12	—

2.—Cases in which defects were found

Particulars	Found	Remedied	Referred		Number of cases in which prosecutions were instituted
			To H.M. Inspector	By H.M. Inspector	
Overcrowding	—	—	—	—	—
Want of cleanliness	2	2	—	—	—
Unreasonable temperature ...	—	—	—	—	—
Inadequate ventilation	—	—	—	—	—
Ineffective drainage of floors	—	—	—	—	—
Sanitary Conveniences:—					
(a) Insufficient	1	1	—	—	—
(b) Unsuitable or defective	—	—	—	1	—
(c) Not separate for sexes	1	1	—	—	—
Other offences against the Act (not including offences relating to Outwork) ...	—	—	—	—	—
Total	4	4	—	1	—

Outworkers

There are 23 outworkers doing work in their own homes for factories inside and outside the district. All these houses are visited regularly.

INSPECTION AND SUPERVISION OF FOOD

Milk Supply

At the time of writing the district has now become a Specified Area in which all milk sold to the public must be Pasteurised, Sterilised or Tuberculin Tested. Although the sale of Ungraded milk has for some years been gradually decreasing, the introduction of this legislation will be welcomed by all who are interested in public health as by this means only can we see the end of milk-borne infection.

There are within the district 37 milk retailers licensed to sell these designated milks.

39 Samples of milk were taken and submitted for analysis to the Public Health Laboratory, 34 for bacteriological examination and 5 for biological examination. In one case B. Tuberculosis was found in samples taken during investigation into the cause of notifications of Tuberculosis from one part of the district.

				No. of Samples	Satisfactory	Not Satisfactory
Pasteurised	...	...	...	32	31	1
Tuberculin Tested	...	...	...	1	1	—
Sterilised	...	...	...	1	1	—
Ungraded	...	...	...	5	4	1

Ice-Cream

The making of ice-cream is still carried on in only three premises in the district, two by the heat treatment method and one by the cold mix process. A high standard of cleanliness has been maintained.

53 Premises are registered for the sale of ice-cream. 40 Samples have been taken during the year, 31 were Grade 1, 4 were Grade 2, 1 was Grade 3, and 4 were Grade 4.

FOOD PREPARATION PREMISES AND FOOD SHOPS

The following list shows the various types of food businesses in the district:—

General dealers	...	...	...	...	...	...	92
Confectioners	...	...	...	...	...	...	7
Greengrocers	...	...	...	...	...	...	12
Butchers	...	...	...	...	...	...	19
Bakers	...	...	...	...	...	...	5
Fried Fish	...	...	...	...	...	...	10
Wet Fish	...	...	...	...	...	...	2
Ice-Cream Manufacturers	...	...	...	...	...	...	3
Public Houses and Clubs	...	...	...	...	...	...	40
Temperance Bars	...	...	...	...	...	...	4

Close attention has been paid throughout the year to all the above food premises and the general impression that one gets is that the large majority of those who are concerned with the handling and distribution of the public's food are eager to conform to the requirements of the Food Hygiene Regulations. Most certainly this legislation has been of great value in raising the standard of food premises but it must always be stressed that it is only by the housewife herself drawing the attention of the retailer to uncleanly habits that full benefit can be derived from the regulations.

Meat Inspection

Throughout the year slaughtering has continued at 10 licensed private slaughter houses and 100% inspection of all carcasses and organs has been carried out. Since February there has been no more slaughtering of pigs for the wholesale market and this has meant a reduction of some 8,000 in the number of pigs inspected during the year, at the same time removing a very heavy burden from the meat inspection staff of the department.

As seen in the following table, the incidence of Tuberculosis in cattle and pigs has once more been very low and especially is this evident in cows where only 1 out of 31 was found to be affected with this disease. Tuberculosis in cows in the slaughter house is now becoming the exception rather than the rule.

CARCASES AND OFFAL INSPECTED AND CONDEMNED IN WHOLE OR IN PART.

	Steers	Heifers	Cows	Bulls	Calves	Sheep and Lambs	Pigs not sows	Sows	Boars	Horses
Number killed and inspected	691	449	31	2	2	3,189	1,725	27	5	—
ALL DISEASES EXCEPT TUBERCULOSIS AND CYSTICERCI										
Whole carcasses condemned	—	—	3	—	1	2	1	1	—	—
Carcases of which some part or organ was condemned	132	78	5	1	—	11	376	6	1	—
Percentage of the number inspected affected with diseases other than tuber- culosis and cysticerci ...	19.1%	17.4%	25.8%	50%	—	0.4%	21.8%	26.0%	20%	—
TUBERCULOSIS ONLY										
Whole carcasses condemned	1	—	—	—	—	—	—	—	—	—
Carcases of which some part or organ was condemned	28	20	1	1	—	—	72	1	1	—
Percentage of the number inspected affected with tuberculosis ...	4.2%	4.5%	3.2%	50%	—	—	4.2%	3.7%	20%	—
CYSTICERCOSIS										
Carcases of which some part or organ was condemned	—	—	—	—	—	—	—	—	—	—
Carcases submitted to treat- ment by refrigeration ...	—	—	—	—	—	—	—	—	—	—
Generalised and totally condemned ...	—	—	—	—	—	—	—	—	—	—

WHOLE CARCASSES CONDEMNED DURING 1957

1 cow	...	...	472 lbs.	Emaciation and Oedema.
1 cow	...	...	305 lbs.	Emaciation and Oedema.
1 cow	...	...	316 lbs.	Emaciation and Oedema.
1 steer	...	...	780 lbs.	Generalised Tuberculosis.
1 sheep	...	...	44 lbs.	Emaciation.
1 sheep	...	...	65 lbs.	Moribund and Ill-bled.
1 calf	...	...	65 lbs.	Immaturity.
1 sow	...	...	320 lbs.	Septicaemia.
1 pig	...	...	67 lbs.	Jaundice.

OTHER MEAT, ORGANS, ETC., CONDEMNED AS BEING UNFIT FOR HUMAN CONSUMPTION

Bovine Animals

Beef	...	...	...	Tuberculosis, 538 lbs.; Traumatic Congestion, 28 lbs.; Bone Taint, 34 lbs.
Heads and Tongues	...	...	...	Tuberculosis, 30; Actinobacillosis, 2.
Lungs	...	...	...	Tuberculosis, 30; Pleurisy, 2; Melanosis, 1; Pneumonia, 1; Stomach Contents, 168; Flukes, 108.
Livers	...	...	...	Cirrhosis: 55 Whole Livers and 118 Part Livers; Abscesses: 19 Whole Livers and 13 Part Livers; Tuberculosis, 12; Fatty Infiltration, 1.
Hearts	...	...	...	Pericarditis, 1.
Spleens	...	...	...	Tuberculosis, 2.
Udders	...	...	...	Induration, 6.
Mesenteries	...	...	...	Tuberculosis, 3.
Skirts	...	...	...	Tuberculosis, 2.

Sheep

Plucks	...	...	...	Contamination, 1.
Livers	...	...	...	Contamination, 6; Cysts, 4; Fatty Infiltration, 3; Abscesses, 1.
Lungs	...	...	...	Pneumonia and Pleurisy, 3.

Pigs

Pork	...	...	...	Tuberculosis, 101 lbs.; Arthritis, 35 lbs.
Heads	...	...	...	Tuberculosis, 73.
Plucks	...	...	...	Inflammation, 39; Cirrhosis, 6; Tuberculosis, 3; Abscess, 1; Cysts, 1.
Hearts and Lungs	...	...	...	Pneumonia and Pleurisy, 322.
Livers	...	...	...	Milk Spots, 6; Cysts, 2; Abscesses, 1; Cirrhosis, 2; Fatty Infiltration, 2.
Kidneys	...	...	...	Nephritis, 2; Hydronephrosis, 2.

OTHER FOODS EXAMINED AND FOUND TO BE UNFIT FOR HUMAN CONSUMPTION

Tomatoes	...	...	...	82 tins	Sauce	...	...	...	3 bottles
Fish	...	...	...	19 tins	Butter	...	...	...	5 lbs.
Meats	...	...	...	92 tins	Cheese	...	...	...	8 lbs.
Fruits	...	...	...	44 tins	Lard	...	...	...	224 lbs.
Peas	...	...	...	25 tins	Chocolate	...	...	...	44 lbs.
Beans	...	...	...	12 tins	Cooked Meats	...	...	...	275 lbs.
Vegetables	...	...	...	5 tins	Pig Kidneys	...	...	...	19 lbs.
Milk	...	...	...	20 tins	Sausage	...	...	...	2 lbs.

In addition a wide variety of foodstuffs was condemned as a result of a fire which destroyed the stock of a shop in Glebe Road.

